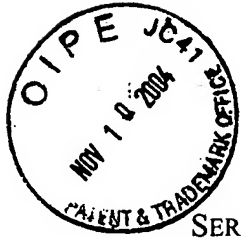


11-12-04 IFW

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



APPLICANTS : Wilson, et al.  
SERIAL NUMBER : 10/718,833 EXAMINER : Not Yet Assigned  
FILING DATE : November 21, 2003 ART UNIT : 1645  
FOR : MULTIVALENT APTAMER THERAPEUTICS WITH IMPROVED  
PHARMACODYNAMIC PROPERTIES AND METHODS OF  
MAKING AND USING THE SAME

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Transmitted herewith for filing in the present application are the following documents:


1. Information Disclosure Statement (2 pages), in duplicate;
2. Modified Form 1449/PTO (2 pages), in duplicate;
3. Copies of Cited References: B1-3; C1-14; and
4. Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 542-6000, Boston, Massachusetts.

The Commissioner is authorized to charge any fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311 Ref. No. 23239-541.

A duplicate copy of this transmittal letter is enclosed herewith.

Respectfully submitted,

  
Ivor R. Elrifi, Reg. No. 39,529  
Jennifer A. Karnakis, Reg. No. 53,097  
Attorneys for Applicants  
c/o MINTZ, LEVIN  
One Financial Center  
Boston, Massachusetts 02111  
Tel: (617) 542-6000  
Fax: (617) 542-2241  
Customer No. 30623

Date: November 10, 2004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



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Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed on the attached modified Form PTO-1449, as well as copies of the listed documents.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action based on the merits in the above-identified case. Accordingly, no fee or certification is believed required. By the waiver of 37 CFR 1.98(a)(2)(i) copies of the U.S. Patents A1-A23 are not submitted.

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and sign the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

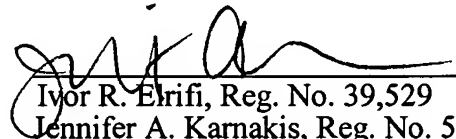
By submitting this Information Disclosure Statement, the Applicants make no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

APPLICANTS: Wilson, et al.  
U.S.S.N.: 10/718,833

Notwithstanding any statements by the Applicants, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 23239-541.

Respectfully submitted,



Ivor R. Elrifi, Reg. No. 39,529  
Jennifer A. Karnakis, Reg. No. 53,097  
Attorney(s) for Applicants  
MINTZ, LEVIN, COHN, FERRIS,  
GLOVSKY and POPEO, P.C.

Address all written correspondence to

**Customer no.: 30623**

Tel: (617) 542-6000

Fax: (617) 542-2241

Date: November 10, 2004

TRA 1976084v1



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB (12-97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Modified Form 19/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Application Number</b>	10/718,833
	<b>Filing Date</b>	November 21, 2003
	<b>First Named Inventor</b>	Wilson
	<b>Group Art Unit</b>	1645
	<b>Examiner Name</b>	Not Yet Assigned
	<b>Attorney Docket Number</b>	23239-541

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1	5,270,163	12/14/93	Gold et al.	435	6	
	A2	5,475,096	12/12/95	Gold et al.	536	23.1	
	A3	5,496,938	03/05/96	Gold et al.	536	22.1	
	A4	5,567,588	10/22/96	Gold et al.	435	6	
	A5	5,580,737	12/03/96	Polisky et al.	435	6	
	A6	5,637,459	06/10/97	Burke et al.	435	6	
	A7	5,648,214	07/15/97	Nieuwlandt et al.	435	6	
	A8	5,660,985	08/26/97	Pieken et al.	435	6	
	A9	5,672,695	09/30/97	Eckstein et al.	536	24.5	
	A10	5,683,867	11/04/97	Biesecker et al.	435	6	
	A11	5,698,687	12/16/97	Eckstein et al.	536	25.3	
	A12	5,705,337	01/06/98	Gold et al.	435	6	
	A13	5,707,796	01/13/98	Gold et al.	435	6	
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	A15	5,817,635	10/06/98	Eckstein et al.	514	44	
	A18	5,859,228	01/12/99	Janjic et al.	536	24.3	
	A17	5,958,691	09/28/99	Pieken et al.	435	6	
	A18	6,011,020	01/04/020	Gold et al.	514	44	
	A19	6,051,698	04/18/00	Janjic et al.	536	24.31	
	A20	6,346,611 B1	02/12/02	Pagratis et al.	536	23.1	
U.S. PUBLISHED APPLICATION DOCUMENTS							
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A21	2002/0025941 A1	02/28/02	Meyer	514	44	
	A22	2002/0034506 A1	03/21/02	Pietras et al.	424	94.63	
	A23	2002/0034757 A1	03/21/02	Cubiccioiti	435	6	

FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number		Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No	
	B1	WO	91/19813	THE UNIVERSITY OF COLORADO FOUNDATION, INC.	12/26/91		
	B2	WO	92/07065	MAXPLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN	04/30/92		
	B3	WO	98/18480	NEXSTAR PHARMACEUTICALS, INC.	05/07/98		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C1	Cotten et al. <i>Nucl. Acids Res.</i> , 19(10):2629-2635 (1991)
	C2	Froehler et al. <i>Nucl. Acids Res.</i> , 14(13):5399-5407 (1986)
	C3	Froehler et al. <i>Tet. Lett.</i> , 27(46):5575-5578 (1986)
	C4	Hirose et al. <i>Tet. Lett.</i> , 28:2449-2452 (1978)
	C5	Hobbs et al. <i>Biochem.</i> , 12(25):5138-5145 (1973)
	C6	Jellinek et al., <i>Biochem.</i> , 34(36):11363-11372 (1995)
	C7	Kraus et al. <i>J. Immunol.</i> , 160:5209-5212 (1998)
	C8	Lin et al. <i>Nucl. Acids Res.</i> , 22(24):5229-5234 (1994)
	C9	Pagratis et al. <i>Nat. Biotechnol.</i> , 15(1):68-73 (1997)
	C10	Pieken, et al., <i>Science</i> , 253:314-317 (1991)
	C11	Sood et al. <i>Nucl. Acids Res.</i> , 4(8):2757-2765 (1977)
	C12	Sproat et al. <i>Nucl. Acids Res.</i> , 19(4):733-738 (1991)
	C13	Tucker et al. <i>Chromatography B.</i> , 732:203-212 (1999)
	C14	International Search Report for PCT/US03/37338, mailing date: August 23, 2004.

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

III